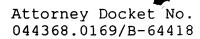
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ABSTRACT OF THE DISCLOSURE

A system for wireless communications is provided. The system includes a hand-held wireless communications device, such as a cell phone. An antenna is connected to the cell phone. The antenna radiates radio waves over an area of less than 360 degrees of arc, such as in a cardioid or hemisphere. The antenna is oriented such that hemisphere is in the direction away from a head of a user of the cell phone.